

MANUALLY OPERATED IMPACT TOOL

ABSTRACT OF THE DISCLOSURE

A manually operated rotatable impact tool including: a driven member having means for retaining and driving a fastener about an axis, the driven member further having at least one impact stop offset from the axis; a driving member rotatably connected to the driven member for driving the driven member about the axis to loosen or tighten the fastener; an impact mass movable along a path in communication with the impact stop; a spring disposed in the path for storing energy upon rotation of the driving member; and an energy releasing mechanism for releasing the stored energy and allowing it to be at least partially transferred to the impact mass such that the impact mass accelerates and strikes the impact stop upon the release of the stored energy.